

GB1589-2016 PROMOTING THE MODERNIZATION DEVELOPMENT OF CHINA'S ROAD TRANSPORT VEHICLES

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Abstract

The compulsory standard “Limits of dimensions, axle load and masses for motor vehicles, trailers and combination vehicles” (GB 1589) is one of China's basic technical standards for vehicle management, which regulated the vehicle's dimensions, axle loads and mass limit. It is applicable to all motor vehicles, trailers and combination vehicles saled and used in China. In order to meet the development demand of domestic and international road freight transport market, promote the use of new structures and new technologies in vehicle production and speed up the pace of road transport equipments' modernization development, China's vehicle management and standardized management departments jointly carried out the technical amendment to GB1589 which issued and implemented in July 27, 2016. The revised version of GB 1589 added the type of center axle trailer. It perfected the length, axle load and total mass limit of the vehicle, and special requirements of special operation automobiles. This standard built China's road freight vehicle modular system and solved the problems of low efficiency cargo loading-unloading, the inadaptability between vehicle width and pallet's size, the mismatching between tractors and semi-trailers, etc. After this standard published, the Ministry of Transport has carried out a series of standards revision and vehicle management, which promoting the standardization process of China's freight vehicle effectively and improving the incorporation degree with the international vehicle standards and regulations. This standard will benefit the healthy development of domestic and international road freight transportation industry, and open up a new market for international co-operation and trade.

Keywords GB 1589, Vehicle dimensions, Freight transport vehicles, International road transport, Vehicle modular system, Standard revision.